

Inpatient Quality Indicator 31 (IQI 31) Carotid Endarterectomy Mortality Rate

July 2021

Hospital-Level Indicator

Type of Score: Rate

Prepared by:

Agency for Healthcare Research and Quality

U.S. Department of Health and Human Services

www.qualityindicators.ahrq.gov

DESCRIPTION

In-hospital deaths per 1,000 discharges with a procedure for carotid endarterectomy (CEA), for patients ages 18 years and older. Excludes transfers to another hospital, and obstetric discharges.

[NOTE: The software provides the rate per hospital discharge. However, common practice reports the measure as per 1,000 discharges. The user must multiply the rate obtained from the software by 1,000 to report in-hospital deaths per 1,000 hospital discharges.]

NUMERATOR

Number of deaths (DISP=20) among cases meeting the inclusion and exclusion rules for the denominator.

DENOMINATOR

Discharges, for patients ages 18 years and older, with any-listed ICD-10-PCS procedure code for carotid endarterectomy (**PRCEATP**^{*}).

DENOMINATOR EXCLUSIONS

Exclude cases:

- transferring to another short-term hospital (DISP=2)
- MDC 14 (pregnancy, childbirth, and puerperium)
- MDC 15 (newborns and other neonates with conditions originating in perinatal period)
- with an ungroupable DRG (DRG=999)
- with missing discharge disposition (DISP=missing), gender (SEX=missing), age (AGE=missing), quarter (DQTR=missing), year (YEAR=missing) or principal diagnosis (DX1=missing)

* See below for code list

Carotid endarterectomy procedure codes: (PRCEATP)

03CH0Z6	Extirpation of matter from right common carotid artery, bifurcation, open approach	03CK0Z6	Extirpation of matter from right internal carotid artery, bifurcation, open approach
03CH0ZZ	Extirpation of matter from right common carotid artery, open approach	03CK0ZZ	Extirpation of matter from right internal carotid artery, open approach
03CJ0Z6	Extirpation of matter from left common carotid artery, bifurcation, open approach	03CL0Z6	Extirpation of matter from left internal carotid artery, bifurcation, open approach
03CJ0ZZ	Extirpation of matter from left common carotid artery, open approach	03CL0ZZ	Extirpation of matter from left internal carotid artery, open approach